

## POWER SUPPLY SOURCE FOR ELECTROPLATING EQUIPMENT

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### Abstract

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Earlier electroplating supply unit contains a direct voltage source, **transformer, charging capacitor** and a **control**. To improve the quality of the coating with fine crystalline structure, the power part is a thyristor unit consisting of a **control** for **capacitor recharging** circuits and a circuit for regulating current pulse amplitude. Quality is improved by the current amplitude regulation since it no longer depends on the moment when the timing circuit is connected to the control.

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